

## CNC Machining I (Basic to Intermediate)

ICTC's (36 hour - 6 weeks) CNC level-1 takes participants through basic CNC operations, such as material removal functions, setups, startup and shutdown, CNC programming, along with tooling selection and locating part zero. The course is led by David Acuff, who is currently an adjunct instructor for ICTC. David has more than 25 years of machining experience including g-code programming, setups and operation of various CNC machine tools.



This course is designed to teach someone who knows very little about CNC machining or may already be a CNC operator but needs to learn how the CNC-code makes the machine function properly. This course teaches the next level of skills needed to become a more proficient CNC machine operator by gaining a better understanding of a CNC Machine Tool.

Additional Contents covered: Setups of CNC machinery, Proper Tooling Selection; G-Code Programming; Conversational Programming; Locating part Zero and using tool offsets along with Proper use of Precision Measuring Tooling and basic Print Reading with GD&T.

Listed below are the CNC machines utilized in the training.

- HAAS VF-2
- HAAS mini mill
- HAAS Tool room lathe
- Mazak quick turn lathe

**\$250 | JUN 6-JUL 20, TUES & THURS 5:30-8:30P | MSK Campus, Machine Shop**

**CONTACT TO REGISTER**

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